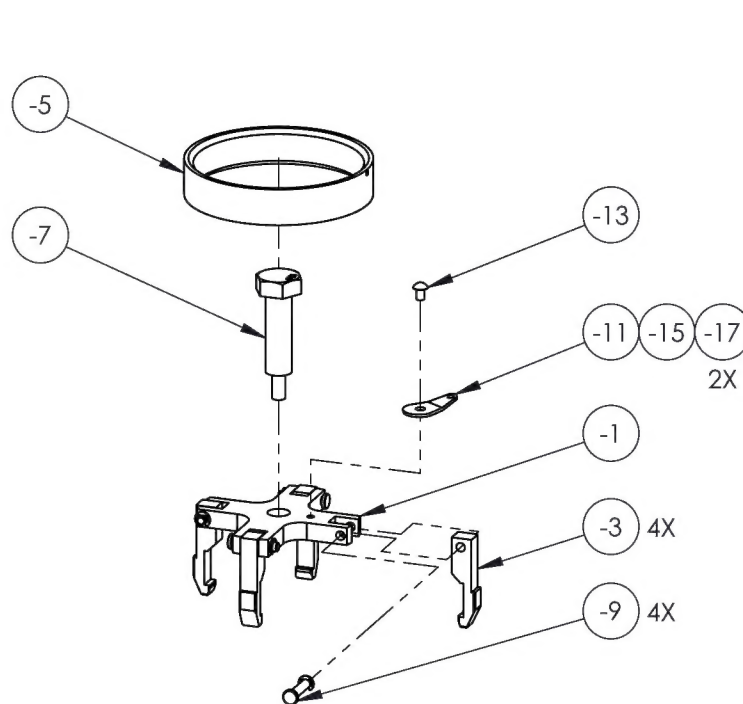


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| REVISIONS | | | | | |
|-----------|---------|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | RELEASED FOR PRODUCTION. | 5/9/2016 | DPD | JAG |
| 2 | 16-0175 | -1 & -5 ADDED HEAT TREAT RC 28-32. -5 CH'D DIM WAS Ø.11 ∇ 1.97 IS Ø.11 ∇ .20. -9 CH P/N WAS MCMMASTER-CARR #97245A607 IS #92735A610. | 10/19/2016 | RJC | SM |



- NOTES:
 1. REF. EUROCOPTER T/N: M632V3007122.
 2. PART OF KIT RBEM632V3007102.

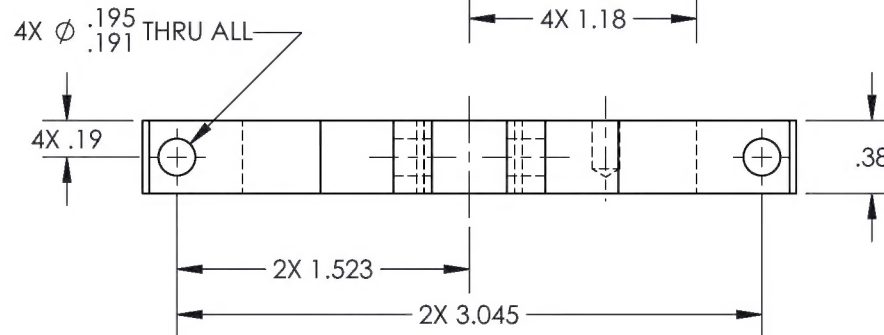
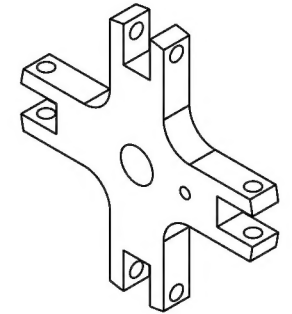
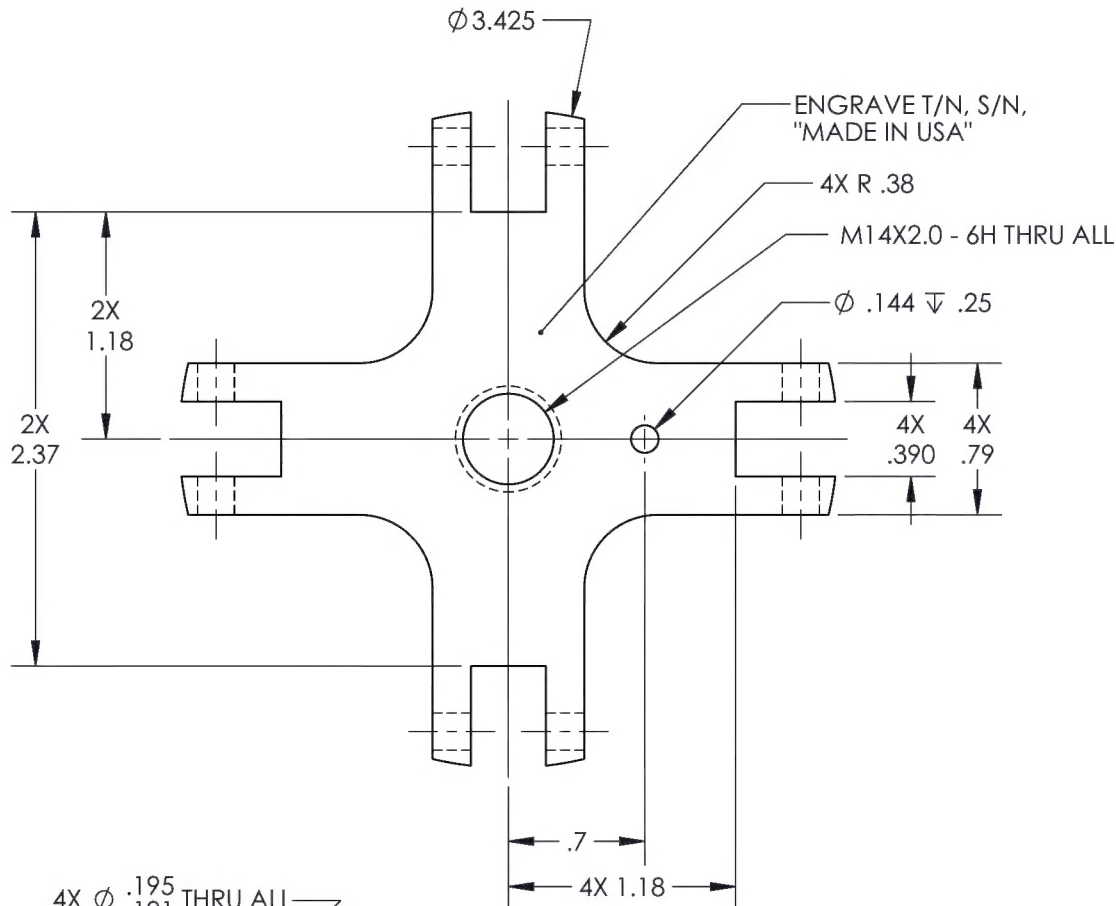


| TITLE | | |
|----------------------------|--|--|
| OUTPUT NUT BRAKE EXTRACTOR | | |
| DWG NO. | | REV |
| RBEM632V3007122 | | 2 |
| MAT'L | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/✓ | |
| HEAT TREAT | | |
| FINISH | | |
| SPEC | | |
| DRAWN BY: | DUERFELDT | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: | CLOUGH | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: | ANDERSON | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: | LINDSAY | USED ON MODEL |
| APPROVED: | GILBERT | H175 |
| SCALE | 1:4 | DATE 3/15/2016 |
| SHEET 1 OF 5 | | |

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|----------------------------|--------------|---|-----|
| | | | -1 | 1 | SPIDER | 4140/4142 | | 2 |
| | | | -3 | 4 | FINGER | 4140/4142 | | 3 |
| | | | -5 | 1 | RING | 4140/4142 | | 4 |
| | | | -7 | 1 | HEX HEAD CAP SCREW | STEEL | M14 X 2mm X 60mm (MCMMASTER-CARR #91310A148) MODIFIED | 5 |
| | | B/O | -9 | 4 | CLEVIS PIN W/RETAINER CLIP | STEEL | Ø3/16 X 7/8 USABLE (MCMMASTER-CARR #92735A610) | 1 |
| | | B/O | -11 | 1 | LANYARD TAB | ALUMINUM | #10 (CARR-LANE #CL-194-TAB-A) | 1 |
| | | B/O | -13 | 1 | DRIVE SCREW | COATED STEEL | #8 X 1/4 (MCMMASTER-CARR #90081A190) | 1 |
| | | B/O | -15 | 1 | LANYARD | COATED STEEL | Ø1/16 X 4 (CARR LANE #CL-2-C) | 1 |
| | | B/O | -17 | 2 | FERRULE | ALUMINUM | Ø1/16 X 3/8 (MCMMASTER-CARR #3896T31) | 1 |

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| REVISIONS | | | | | |
|-----------|---------|-------------------------------|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 16-0175 | •1 ADDED HEAT TREAT RC 28-32. | 10/19/2016 | RJC | SM |

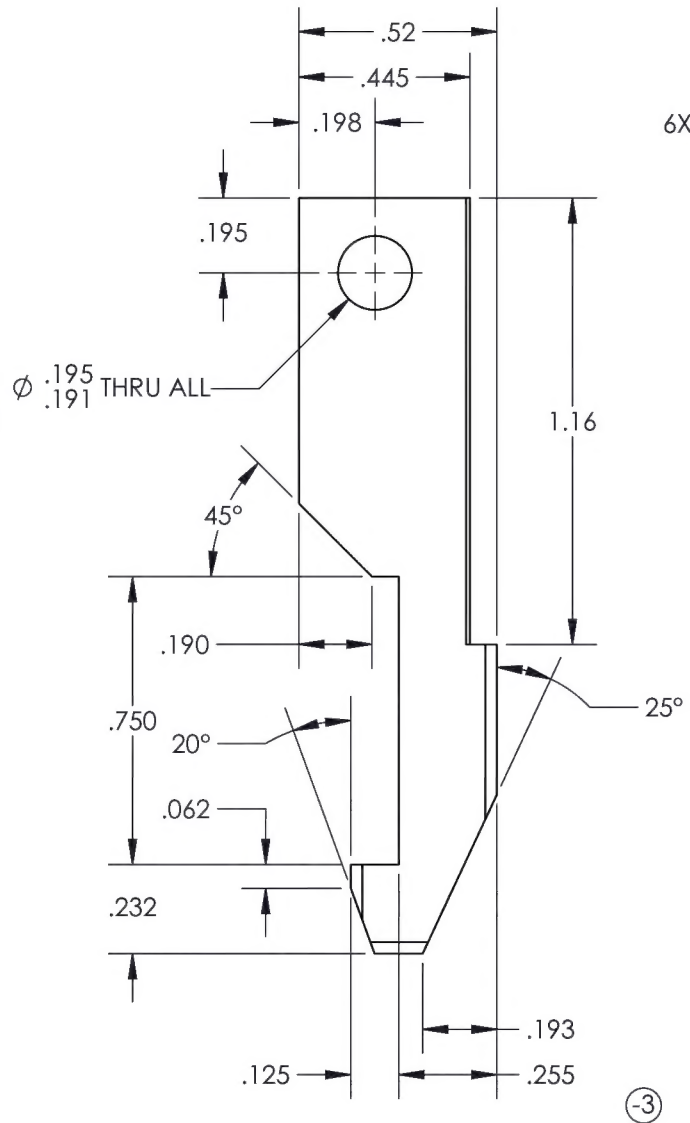
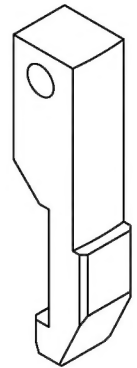


(-1)
SPIDER

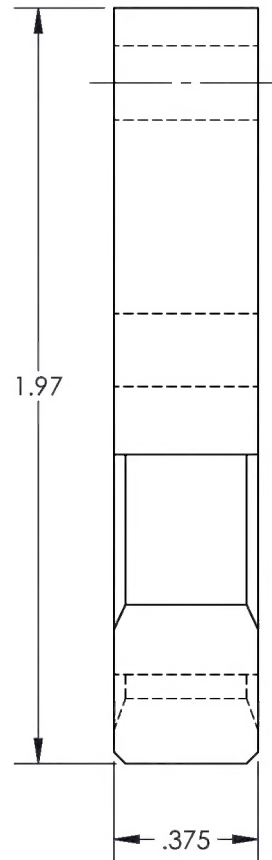
| | |
|--|---|
| DART AEROSPACE | |
| TITLE OUTPUT NUT BRAKE EXTRACTOR | |
| DWG NO. RBEM632V3007122-1 | REV 2 |
| MAT'L 4140/4142 | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT RC 28-32 | DIMENSIONS ARE IN INCHES |
| FINISH ZINC PLATE | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC ASTM B633 TYPE I SC 2 | .XX ± .01 ANGLES ± .5° |
| DRAWN BY: DUERFELDT | .X ± .1 SURFACES = 125° |
| CHECKED: CLOUGH | 1. BREAK ALL SHARP EDGES |
| OPPS APPR: ANDERSON | .015 x 45° OR .015R |
| QA APPR: LINDSAY | 2. DIMENSIONAL LIMITS APPLY |
| APPROVED: GILBERT | AFTER PLATING |
| SCALE 1:1 | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE 3/15/2016 | USED ON MODEL |
| SHEET 2 OF 5 | H175 |

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| REVISIONS | | | | | | |
|-----------|-----|-------------|------|---------|----------|--|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED | |



6X .03 X 45° R1.78

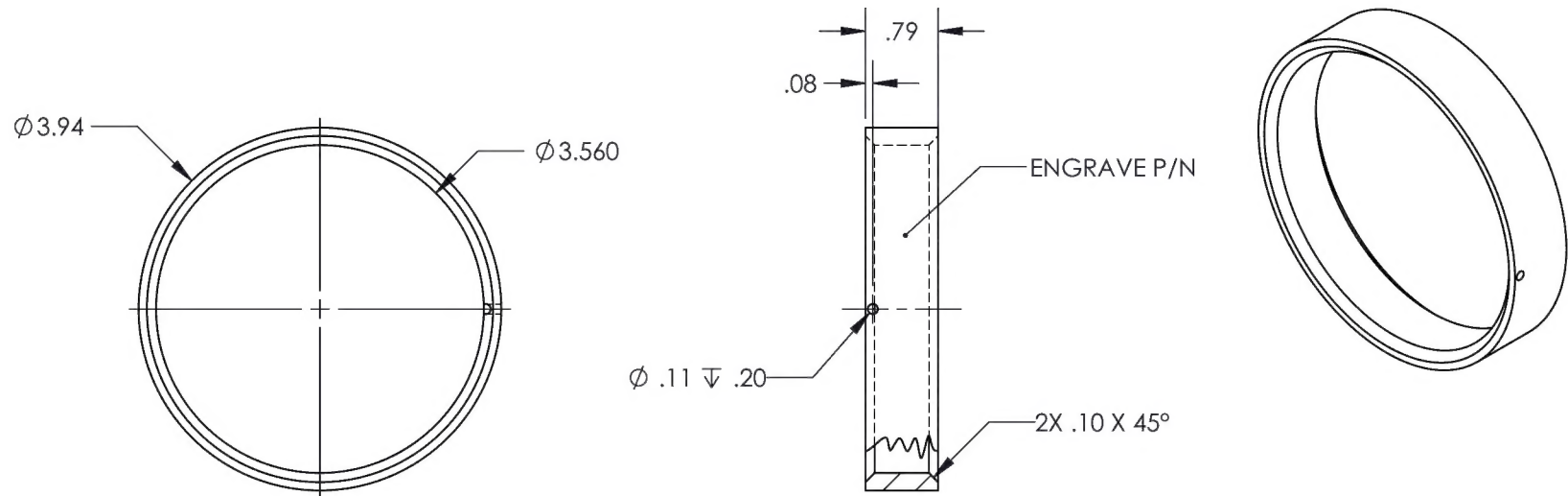


(-3)
FINGER

| | |
|--|---|
| DART AEROSPACE | |
| TITLE OUTPUT NUT BRAKE EXTRACTOR | |
| DWG NO. RBEM632V3007122-3 | REV 2 |
| MAT'L 4140/4142 | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT RC 38-42 | DIMENSIONS ARE IN INCHES |
| FINISH ZINC PLATE | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC ASTM B633 TYPE I SC 2 | .XX ± .01 ANGLES ± .5° |
| DRAWN BY: DUERFELDT | .X ± .1 SURFACES = 125° ✓ |
| CHECKED: CLOUGH | 1. BREAK ALL SHARP EDGES |
| OPPS APPR: ANDERSON | .015 x 45° OR .015R |
| QA APPR: LINDSAY | 2. DIMENSIONAL LIMITS APPLY |
| APPROVED: GILBERT | AFTER PLATING |
| SCALE 2:1 | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE 3/15/2016 | USED ON MODEL |
| SHEET 3 OF 5 | H175 |

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| REVISIONS | | | | | |
|-----------|---------|---|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 16-0175 | -5 CH'D DIM WAS Ø.11 ∇ 1.97 IS Ø.11 ∇ .20, ADDED HEAT TREAT RC 28-32. | 10/19/2016 | RJC | SM |

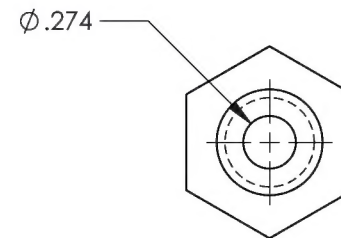
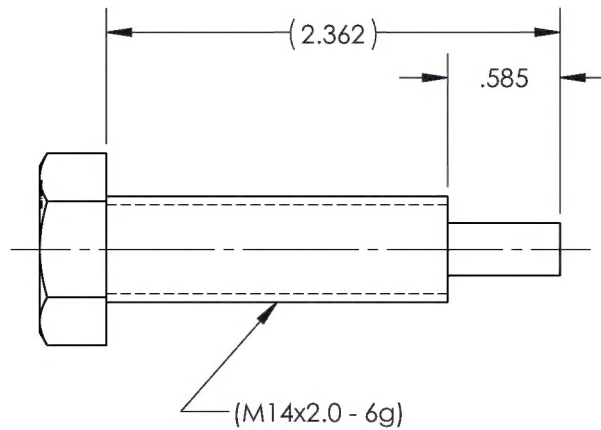
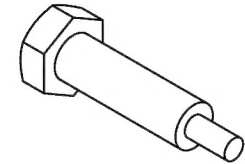


(-5)
RING

| | |
|--|---|
| DART AEROSPACE | |
| TITLE OUTPUT NUT BRAKE EXTRACTOR | |
| DWG NO. RBEM632V3007122-5 | REV 2 |
| MAT'L 4140/4142 | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT RC 28-32 | DIMENSIONS ARE IN INCHES |
| FINISH ZINC PLATE | .XXX \pm .005 FRACTIONS \pm 1/8 |
| SPEC ASTM B633 TYPE I SC 2 | .XX \pm .01 ANGLES \pm 5° |
| DRAWN BY: DUERFELDT | .X \pm .1 SURFACES = 125° |
| CHECKED: CLOUGH | 1. BREAK ALL SHARP EDGES |
| OPPS APPR: ANDERSON | .015 x 45° OR .015R |
| QA APPR: LINDSAY | 2. DIMENSIONAL LIMITS APPLY |
| APPROVED: GILBERT | AFTER PLATING |
| SCALE 1:2 | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE 3/15/2016 | USED ON MODEL |
| | H175 |
| | SHEET 4 OF 5 |

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| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL |
| | | | | APPROVED |



(-7)

HEX HEAD CAP SCREW

| | |
|--|---|
| DART AEROSPACE | |
| TITLE OUTPUT NUT BRAKE EXTRACTOR | |
| DWG NO. RBEM632V3007122-7 | REV 2 |
| MAT'L STEEL | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT | DIMENSIONS ARE IN INCHES |
| FINISH ZINC PLATE | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC ASTM B633 TYPE I SC 2 | .XX ± .01 ANGLES ± 5° |
| DRAWN BY: DUERFELDT | .X ± .1 SURFACES = 125° |
| CHECKED: CLOUGH | 1. BREAK ALL SHARP EDGES |
| OPPS APPR: ANDERSON | .015 x 45° OR .015R |
| QA APPR: LINDSAY | 2. DIMENSIONAL LIMITS APPLY |
| APPROVED: GILBERT | AFTER PLATING |
| SCALE 1:1 | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| DATE 3/15/2016 | USED ON MODEL |
| SHEET 5 OF 5 | H175 |